STPB - 0045 (32)

ANALYSIS OF BIDS
JOB NO. 090551 LOCUST CREEK STR. & APPRS. (S)
LETTING OF AUGUST 5, 2020

QUANTITY	UNIT	ITEM	CROSSLAND HEAVY CONTR., INC.	WEST PLAINS BR. & GRADING, LLC	CROUSE CONSTR., CO.	AVG OF LOW BIDS
1.00	L.S.	REMOVAL OF EXISTING BR. STR. (SITE NO. 1)	12000.00	16000.00	20000.00	16,000.00
398.00	CUYD	UNCLASS.EXCAV.FOR STRS-BR	120.00	105.00	120.00	115.00
133.50	CUYD	CLASS S CONCRETE-BRIDGE	865.00	800.00	1000.00	888.33
137.10	CUYD	CLASS S (AE) CONCRETE - BRIDGE	1025.00	1045.00	1000.00	1,023.33
465.00	GAL	CLASS 2 PROTECT.SURF.TREATMENT	4.35	6.70	10.00	7.02
15470.00	LB	REINF.STEEL-BRIDGE (GR 60)	1.10	1.32	1.75	1.39
37300.00	LB	EPOXY COAT. REINF STEEL (GR. 60)	1.05	1.16	1.00	1.07
184.00	LF	STEEL PILING (HP 2 X 53)	80.00	81.00	100.00	87.00
164.00	LF	PREBORING	250.00	235.00	190.00	225.00
41350.00	LB	STR. STEEL IN BM. SPANS (A709, GR-50W)	2.60	2.75	3.00	2.78
3822.00	CUIN	ELASTOMERIC BEARINGS	2.40	2.75	3.00	2.72
1.00	EACH	BRIDGE NAME PLATE (TYPE D)	500.00	1000.00	1000.00	833.33
106.70	CUYD	APPROACH SLABS	350.00	385.00	500.00	411.67
32.24	CUYD	APPROACH GUTTERS	415.00	480.00	800.00	565.00
13710.00	LB	REINF.STEEL-RDWY (GR 60)	1.45	0.97	1.75	1.39
320.00	SQYD	FILTER BLANKET	6.75	3.50	3.00	4.42
521.00	CUYD	FOUND. PROTECT. RIPRAP	48.00	48.00	45.00	47.00
		TOTAL AMOUNT BID FOR JOB	$1,646,007.00	$1,668,000.00	$1,690,851.00	
		TOTAL AMOUNT BID FOR BRIDGE	**$644,644.65**	**$649,311.80**	**$720,998.00**	

BRIDGE ID	LENGTH	WIDTH	AREA (OUT-OUT)	NEW BRIDGE DESCRIPTION	EXISTING BRIDGE DESCRIPTION
07495	108.06	32.50	**3,512.03**	1A	1B
		A =	**3,512.03**		

1A: 108' - 3/4" L INT. CONT. W-BEAM UNIT ON STEEL PILINGS AND SPREAD FOOTINGS

1B: 69' W AND 22' L PRECAST CONC. UNITS SUPPORTED BY REINF. CONC. ABUTMENTS AND REINF. CONC INT. BENTS ON SPREAD FOOTINGS

OUT TO OUT COST ($/SF) = $644,644.45/A = **$183.55**
LESS REMVL OF EXIST BR. ($/SF) **$3.41**

NET COST ($/SF) **$180.14**

FHWA COST ($/SF) = $605,476.65/A= $172.40
EXISTING BR. REMOVAL ($/SF) = $7.91

DEDUCT REMOVAL, RIPRAP & FILTER BLANKET
COSTS FROM FHWA COST.

FUNCTION CLASS -08- RURAL - MINOR COLL.
OFF NHS
DESIGN SECTION - KWY

JOB 090551 LET 8/5/2020